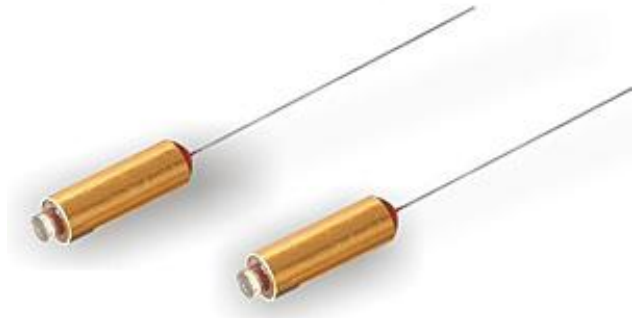


Polarization Maintaining Collimator

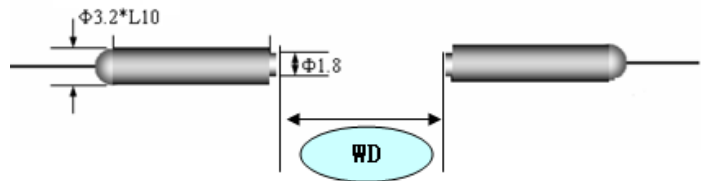
1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

Parameters		Values		
Type		Standard		Long working distance
Working Distance (mm)		5~20		21~100
Grade		P	A	A
Insertion Loss($\lambda_c, 23^\circ\text{C}$) (dB) (λ_c @ 1310&1550nm)	Typ.	0.15	0.20	0.25
	Max.	0.20	0.25	0.30
Insertion Loss($\lambda_c, 23^\circ\text{C}$) (dB) (λ_c @ 980&1064nm)	Typ.	0.18	0.23	0.30
	Max.	0.23	0.27	0.35
Extinction Ratio(dB)	Max.	25	23	22
Return Loss (dB)		60	55	
Dimensions (mm)		$\Phi 2.8 \times 9$ (without metal tube)		
		$\Phi 3.2 \times 10$ (with metal tube)		
Fiber Type		SM13-PS-U25A, SM15-PS-U25A or SM98-PS-U25A		
Fiber Length (m)		1.2 or others		
Maximum Optical Power (mw)		500		
Operating Temperature ($^\circ\text{C}$)		-40~85		
Storage Temperature ($^\circ\text{C}$)		-40~85		

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMCOLL	X	XXX	XX	X	X	XX	XX	XX
Product Description	Grade	Working Distance	Operating Wavelength	Pigtail Type	Fiber Type	Connector Type	Package Size	Fiber Length
P=Polarization	P	005=5mm	06=1064nm	0=250um	13=PM13	0=None	1=2.8×9	05=0.5m
M=Maintaining	A	020=20mm	13=1310nm	1=900um	15=PM15	1=FC/UFC	2=3.2×10	08=0.8m
COLL=Collimator		100=100mm	15=1550nm		98=PM98	2=FC/APC		10=1.0m
			98=980nm		4=others	3=SC/UPC		12=1.2m
						4=SC/APC		

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